

IQ Force SPECIFICATIONS

Four-Gas Detector



| Housing | |
|--------------------------------------|---|
| Weight | 12.8 oz (363 g) without pump; 16.3 oz (463 g) with pump |
| Detector Dimensions | 4.7 x 3.3 x 2.6 in. / 12 x 8.3 x 6.5 cm |
| Detector with Pump Dimensions | 6.3 x 3.3 x 2.6 in. / 16 x 8.3 x 6.5 cm |
| Environmental Ratings | |
| Temperature | Normal Operating: 0° to 110°F (-18° to 43°C) Storage (ideal): 50° to 80°F (10° to 26°C) |
| Humidity | 20% to 90% RH continuous, 0% to 95% RH intermittent |
| Detector | IP65/67 |
| Pump | IP65; 50 ft. (15m) maximum tubing length |
| Approvals | |
| | UL Class I, Division 1, Groups A B C D, T4 |
| | UL Class II, Division 1, Groups F G |
| | ATEX Ex d ia IIC T4 |
| | IECEX Ex ia IIC T4 Gb |
| | CSA Class I Div 1, Groups A B C D, T4 |
| | CSA C22.2 No. 152 |
| Capabilities | |
| Datalogger | 41 hours @ 1 minute intervals (default) |
| Eventlogger | Can store up to 200 events |
| Durability | Detector withstands a drop from 6 ft. (1.8 m) onto concrete |
| IQ Management System | Fully compatible. Supports alarm event email, person and location assignment functions |
| Misc. | Able to be docked with or without pump attached |
| Alarms | |
| Alarm Types | High, Low, TWA, STEL, Custom |
| Visual | Bright red LED on top of unit; yellow LCD backlight for low alarm; red LCD backlight for high alarm |
| Audible | Multi-tone, 95 dB @ 1 ft. (30cm) |
| Vibrating | Vibrating alarm standard |
| Battery | |
| Type | Lithium Ion |
| Run Time | Continuous @ 68°F (20°C) without pump: 22 hours; with pump: 14 hours Continuous @ -4°F (-20°C) without pump: 13 hours; with pump: 2½ hours |
| Recharge time | 8 hours |
| Gas Detection Information | |
| Available Sensors | O ₂ , %LEL, CO, H ₂ S, Duo-Tox Dual-Channel (CO/H ₂ S), CO-H (hydrogen resistant CO sensor) |
| Number of Gas Chambers | Three sensor capability and four gas capability when using a Duo-Tox (CO/H ₂ S) sensor |
| Warranty | |
| | 2 years (monitor), 1 to 2 years sensors, depending on type |

Find out more

Toll-free: 800.663.4164

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| IQ Force Sensor Information | | |
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| Sensor | Range | Resolution |
| Combustible Gas (LEL) | 0-99% LEL, 0-5% CH ₄ | 1% LEL, 0.05% CH ₄ |
| Oxygen (O ₂) | 0-30% by Volume | 0.1% |
| Carbon Monoxide (CO) Carbon Monoxide, H ₂ resistant (CO-H) | 0-999 ppm | 1 ppm |
| Hydrogen Sulfide (H ₂ S) | 0-100 ppm | 0.1 or 1 ppm |
| Duo-Tox Dual-Channel (CO/H ₂ S) <i>(Provide specific readouts for CO and H₂S)</i> | CO: 0-999 ppm H ₂ S: 0-100 ppm | 1 ppm 0.1 or 1 ppm |